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Sequence Listing was accepted.

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Reviewer: Keisha Douglas

Timestamp: [year=2008; month=10; day=10; hr=15; min=57; sec=4; ms=546;]

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Application No: 10528350

Version No: 1.1

Input Set:**Output Set:****Started:** 2008-10-10 15:53:08.309**Finished:** 2008-10-10 15:53:11.130**Elapsed:** 0 hr(s) 0 min(s) 2 sec(s) 821 ms**Total Warnings:** 31**Total Errors:** 0**No. of SeqIDs Defined:** 73**Actual SeqID Count:** 73

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Input Set:

Output Set:

Started: 2008-10-10 15:53:08.309
Finished: 2008-10-10 15:53:11.130
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 821 ms
Total Warnings: 31
Total Errors: 0
No. of SeqIDs Defined: 73
Actual SeqID Count: 73

Error code

Error Description

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SEQUENCE LISTING

<110> Institute of Immunology, PLA
 Chongqing Jiachen Bioengineering Co., Ltd.
 Wu, Yuzhang
 Bian, Jiang
 Zhou, Wei
 Jia, Zhengcai
 Shi, Tongdong
 Zou, Liyun

<120> Immunogen for Preparation of Therapeutic Vaccines or Drugs for
 Treatment of Hepatitis B and the Producing Method and Use Thereof

<130> CCPT-1-24975

<140> 10/528,350

<141> 2006-02-15

<150> PCT/CN03/00792

<151> 2003-09-18

<150> CN 02130738.5

<151> 2002-09-18

<160> 73

<170> PatentIn version 3.5

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 CH3(CH2)14CO

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<223> Xaa can be any naturally occurring amino acid

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Ile Thr Glu Ala Ala Ala Phe Leu Pro Ser Asp Phe Phe Pro Ser Val
 20 25 30

Gly Gly Gly Asp Pro Arg Val Arg Gly Leu Tyr Phe Pro Ala
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Phe Pro Ala
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20 25 30

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20 25 30

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35 40 45

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<223> Xaa can be any naturally occurring amino acid

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35 40 45

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Pro Ala Asp Arg Glu
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<400> 8

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Phe Leu Leu Thr Arg Ile Leu Thr Ile
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Phe Leu Gly Gly Thr Pro Val Cys Leu

1 5

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Leu Leu Cys Leu Ile Phe Leu Leu Val
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Leu Leu Asp Tyr Gln Gly Met Leu Pro Val
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Trp Leu Ser Leu Leu Val Pro Phe Val
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Lys Val Leu His Lys Arg Thr Leu Gly Leu
1 5 10

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Val Leu His Lys Arg Thr Leu Gly Leu
1 5

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Gly Leu Ser Ala Met Ser Thr Thr Asp Leu
1 5 10

<210> 21
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Cys Leu Phe Lys Asp Trp Glu Glu Leu
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Val Leu Gly Gly Cys Arg His Lys Leu Val
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Phe Leu Pro Ser Asp Phe Phe Pro Ser Val
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<210> 24

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Ser Thr Leu Pro Glu Thr Thr Val Val Arg Arg
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Glu Tyr Leu Val Ser Phe Gly Val Trp
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Gly Leu Tyr Ser Ser Thr Val Pro Val
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Gly Leu Ser Arg Tyr Val Ala Arg Leu
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<400> 28

Phe Leu Leu Ser Leu Gly Ile His Leu
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Ile Leu Arg Gly Thr Ser Phe Val Tyr Val
1 5 10

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<400> 30

Ser Leu Tyr Ala Asp Ser Pro Ser Val
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Lys Tyr Thr Ser Phe Pro Trp Leu Leu
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Ser Leu Tyr Ala Asp Ser Pro Ser Val
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Ala Leu Met Pro Leu Tyr Ala Cys Ile
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Tyr Met Asp Asp Val Val Leu Gly Ala
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Trp Ile Leu Arg Gly Thr Ser Phe Val
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Lys Leu His Leu Tyr Ser His Pro Ile
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Phe Thr Gln Ala Gly Tyr Pro Ala Leu
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Ser Leu Asn Phe Leu Gly Gly Thr Thr Val
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Leu Leu Asp Tyr Gln Gly Met Leu Pro Val
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<210> 40
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Leu Leu Val Pro Phe Val Gln Trp Phe Val
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Gly Leu Ser Pro Thr Val Trp Leu Ser Val
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<210> 42
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Leu Leu Pro Ile Phe Phe Cys Leu Trp Val
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Tyr Val Asn Thr Asn Met Gly
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<400> 44

Tyr Val Asn Thr Asn Met Gly Leu Lys Ser Glu Gln
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<400> 46

Gly Leu Ser Pro Thr Val Trp Leu Ser Val
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<210> 47
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Ser Ile Val Ser Pro Phe Ile Pro Leu Leu
1 5 10

<210> 48
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Asp Pro Arg Val Arg Gly Leu Tyr Phe Pro Ala
1 5 10

<210> 49
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<400> 49

Cys Thr Lys Pro Thr Asp Gly Asn Cys Thr
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CH₃(CH₂)₁₀CO

<220>
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<223> Xaa can be any naturally occurring amino acid

<400> 50

Xaa Ala Ala Ser Ser Pro Ala Asp Arg Glu Gly Gly Gly Ser Leu Asn
1 5 10 15

Phe Leu Gly Gly Thr Thr Val Ser Ser Ser Asp Pro Arg Val Arg Gly
20 25 30

Leu Tyr Phe Pro Ala
35

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<400> 51

Xaa Ala Ala Ser Ser Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly
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Ile Thr Glu Ala Ala Ala Leu Leu Cys Leu Ile Phe Leu Leu Val Gly
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Gly Gly Asp Pro Arg Val Arg Gly Leu Tyr Phe Pro Ala
35 40 45

<210> 52
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<223> Xaa can be any naturally occurring amino acid

<400> 52

Xaa Ala Ala Ser Ser Pro Ala Asp Arg Glu Ala Ala Ala Leu Leu Asp
1 5 10 15

Tyr Gln Gly Met Leu Pro Val Gly Gly Gly Asp Pro Arg Val Arg Gly
20 25 30

Leu Tyr Phe Pro Ala
35

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Xaa Ala Ala Ser Ser Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly
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Ile Thr Glu Gly Gly Gly
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<223> Xaa can be any naturally occurring amino acid

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Pro Arg Val Arg Gly Leu Tyr Phe Pro Ala
20 25

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<223> Xaa can be any naturally occurring amino acid

<400> 55

Xaa Ala Ala Ser Ser Pro Ala Asp Arg Glu Gly Gly Gly Trp Leu Ser
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Leu Leu Val Pro Phe Val Ser Ser Ser Asp Pro Arg Val Arg Gly Leu
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Tyr Phe Pro Ala
35

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Ser Asp Phe Phe Pro Ser Val Gly Gly Gly Asp Pro Arg Val Arg Gly
20 25 30

Leu Tyr Phe Pro Ala
35

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Leu Tyr Phe Pro Ala
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Leu Tyr Phe Pro Ala
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Leu Tyr Phe Pro Ala
35

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Ile Thr Glu Ala Ala Ala Tyr Val Asn Thr Asn Met Gly Gly